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February 27, 2006   Serial No. 09/933,646

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A computer system comprising:

a computer with one or more memories, one or more central processing units, and one or more interfaces to one or more networks;

a tuplespace data structure that identifies one or more server computers, a geographic location for each server computer, and authorized, password-protected shared data fields made available through the network to create an extranet image; and

an extranet monitor software program that detects incoming messages from one or more requester server computers, being one of the server computers, determines a service required by the message, stores a service request corresponding to the service in the tuplespace data structure along with the geographic location of the requester server computer and one or more destination server computers, the destination server computers each being a server computer, the extranet monitor further routing the message to the destination computer.

2. (original) A computer system, as in claim 1, where the extranet monitor receives an XML representation of a document list that matches the original request in response from the destination server computer and routes the document list to the requester server computer.

3. (original) A computer system, as in claim 1, where the extranet monitor receives an XML representation of a document in response from the destination server computer and routes the document to the requester server computer.

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4. (original) A computer system, as in claim 1, where the extranet monitor determines which destination server computer or computers can respond to the request only from the set of server computers.

5. (original) A computer system, as in claim 1, where the service comprises any one or more of the following: a search for one or more documents, a retrieval of one or more documents, and a registration of the server computers for participation in the extranet.

6. (original) A computer system, as in claim 1, where each destination server computer defines specific content that can be searched and retrieved from the destination server computer in response to messages from the extranet monitor.

7. (original) A computer system, as in claim 3, where the XML representation of a document contains any one or more of the following: proprietary content; and educational content including lesson plans, activity plans, descriptions of educational resources, descriptions of teaching strategies, and curriculum content.

8. (previously presented) A computer system comprising:

a computer with one or more memories, one or more central processing units, and one or more interfaces to one or more networks;

a tuplespace data structure that identifies one or more server computers, a geographic location for each server computer, and authorized, password-protected shared data fields made available through the network to create an extranet image; and

an extranet monitor software program that detects incoming messages from one or more requester server computers, being one of the server computers, determines a service required by the message, the service comprising any one or more of:

a search for one or more documents,

a retrieval of one or more documents, and

a registration of the server computers for participation in the extranet;

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wherein the extranet monitor stores a service request corresponding to the service
in the tuplespace data structure along with the geographic location of the requester server
computer and one or more destination server computers, the destination server computers
each being a server computer, the extranet monitor further selects destination server
computers that can respond to the request and routes the message to the selected
destination server computers, each destination server computer defining specific content
that can be searched and retrieved from said each destination server computer in response
to messages from the extranet monitor; and

wherein the extranet monitor receives an XML representation of a document list
that matches the original request in response from selected destination server computers
and routes the document list to the requester server computer.

9. (previously presented) A computer system comprising:

a computer with one or more memories, one or more central processing units, and
one or more interfaces to one or more networks;

a tuplespace data structure that identifies one or more server computers, a
geographic location for each server computer, and authorized, password-protected shared
data fields made available through the network to create an extranet image; and

an extranet monitor software program that detects incoming messages from one or
more requester server computers, being one of the server computers, determines a service
required by the message, the service comprising any one or more of:

a search for one or more documents,

a retrieval of one or more documents, and

a registration of the server computers for participation in the extranet;

wherein the extranet monitor stores a service request corresponding to the service
in the tuplespace data structure along with the geographic location of the requester server
computer and one or more destination server computers, the destination server computers
each being a server computer, the extranet monitor further selects destination server
computers that can respond to the request and routes the message to the selected

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destination server computers, each destination server computer defining specific content that can be searched and retrieved from said each destination server computer in response to messages from the extranet monitor; and

wherein the extranet monitor receives an XML representation of a document in response from destination server computers and routes the document to the requester server computer, the XML document representation containing any one or more of the following:

proprietary content, and

educational content including lesson plans,

activity plans,

descriptions of educational resources,

descriptions of teaching strategies, and

curriculum content.

10. (new) A computer system as in claim 1, wherein the detected incoming messages are incoming tuples to the tuplespace data structure and the extranet monitor monitors said incoming tuples for changes to the tuplespace data structure.

11. (new) A computer system as in claim 10, wherein the extranet monitor includes a listener for each tuplespace that corresponds to one of said one or more computers, each said listener detecting said changes to the tuplespace data structure and handling services for a corresponding one.

12. (new) A computer system as in claim 8, wherein the detected incoming messages are incoming tuples to the tuplespace data structure and the extranet monitor monitors said incoming tuples for changes to the tuplespace data structure.

13. (new) A computer system as in claim 12, wherein the extranet monitor includes a listener for each tuplespace that corresponds to one of said one or more server computers,

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each said listener detecting said changes to the tuplespace data structure and handling services for a corresponding one.

14. (new) A computer system as in claim 9, wherein the detected incoming messages are incoming tuples to the tuplespace data structure and the extranet monitor monitors said incoming tuples for changes to the tuplespace data structure.

15. (new) A computer system as in claim 14, wherein the extranet monitor includes a listener for each tuplespace that corresponds to one of said one or more server computers, each said listener detecting said changes to the tuplespace data structure and handling services for a corresponding one.

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